

Nuclear Materials Focus Area Update

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Outline

- FY-01 early start activities
- Comprehensive technology needs chart for SNF
- Technology needs responses
- Developed requested budgets
- Call for proposals

Early Start on Selected Development Activities

- Limited funding received from NMFA
- Matching funding from EM-20
- Early start on two activities
 - Weld development at SRS and INEEL (\$280K)
 - HIC initial deployment at INEEL (\$120K)

Technology Needs Chart for SNF

- Designed to show SNF path forward
 - Interactions between programs
 - Technology needs identification
- Developing from IPABS
 - Using material disposition maps
- Will validate with each site as completed
 - Discussions held with Hanford
 - INEEL, SRS, NSNFP to follow

Technology Needs Responses

- Developed responses to identified site needs
- Received assistance from each site SCTG to assure responses properly address the need
- Input to Focus Area for loading in IPABS
- Feeds call for research proposals

Developed Requested Budgets for SNF Product Line

- Current planning levels, subject to change
 - FY-02 - \$3.2M
 - FY-03 - \$8.5M
 - FY-04 - \$11.5M

Call for Proposals

- Needs and responses grouped into Problem Areas
- Sent to TPOs' of all DOE Labs
- 33 responses received
- Evaluation going on
 - NDA review delayed

Current Status of Proposals

- Evaluation for NMFA review team completed June 21
 - Hanford, INEEL, NSNFP, SRS, TAG, Sandia
- NMFA review team consensus on relative ranking of proposals
- ASME review of proposals week of June 25

Evaluate Proposals and Award

- Propose funding package to NMFA
 - NMFA concurrence
 - early July
 - TAG and ESUSC review
 - mid-July
 - Prepare input to FY-02 PEG
 - late July
 - Finalize awards and notify
 - mid-August

Update Technology Needs

- Technology Needs are key to the NMFA system
- Annual site needs update visits are being planned by NMFA with SNF participation
- Tentative Dates
 - SRS - Week of Aug 6
 - INEEL, Hanford - Week of August 13
- Work with sites to update responses
 - Cycle through activities as last year

Summary

- FY-02 will be first year of significant funding for SNF activities within NMFA
- Funding levels expected to increase in out-years
- Ongoing cooperation within the SNF program will assure success